HISTORIC AMERICAN ENGINEERING RECORD

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IDAHO NATIONAL ENGINEERING LABORATORY, IDAHO
CHEMICAL PROCESSING PLANT, FUEL REPROCESSING
COMPLEX
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ID-33-H-75	VIEW OF SOUTH STORAGE BASIN NUMBER 1 OF FUEL STORAGE BUILDING (CPP-603). PHOTO TAKEN LOOKING NORTHEAST. INL PHOTO NUMBER HD-54-18-4. Mike Crane, Photographer, 8/2005
ID-33-H-76	VIEW OF FECF HOT CELL OF FUEL STORAGE BUILDING (CPP-603). PHOTO TAKEN LOOKING NORHTWEST. INL PHOTO NUMBER HD-54-18-3. Mike Crane, Photographer, 8/2005
ID-33-H-77	EAST/WEST TRUCK BAY AREA OF TRANSFER BASIN CORRIDOR OF FUEL STORAGE BUILDING (CPP-603). PHOTO TAKEN LOOKING NORTHWEST. INL PHOTO NUMBER HD-54-19-1. Mike Crane, Photographer, 8/2005
ID-33-H-78	INTERIOR OF SECOND FLOOR CONTROL ROOM OF FUEL STORAGE BUILDING (CPP-603). PHOTO TAKEN LOOKING SOUTHWEST. INL PHOTO NUMBER HD-54-19-2. Mike Crane, Photographer, 8/2005
ID-33-H-79	CONSTRUCTION PROGRESS PHOTO SHOWING WEST STORAGE BASIN AT FUEL STORAGE BUILDING (CPP-603). INL PHOTO NUMBER NRTS-51-689. Unknown Photographer, 1950
ID-33-H-80	CONSTRUCTION PROGRESS PHOTO SHOWING FUEL STORAGE BUILDING (CPP-603) LOOKING NORTHWEST. INL PHOTO NUMBER NRTS-50-895. Unknown Photographer, 10/30/1950

ID-33-H-81	CONSTRUCTION PROGRESS PHOTO SHOWING EMPLACEMENT STEEL BEAMS FUEL STORAGE BUILDING (CPP-603) LOOKING EAST. INL PHOTO NUMBER NRTS-51-1371. Unknown Photographer, 1/31/1951
ID-33-H-82	CONSTRUCTION VIEW FUEL STORAGE BUILDING (CPP -603) LOOKING EAST SHOWING ASBESTOS SIDING. INL PHOTO NUMBER NRTS-51-1543. Unknown Photographer, 2/28/1951
ID-33-H-83	INTERIOR VIEW OF FUEL STORAGE BUILDING (CPP-603) LOOKING SOUTHWEST SHOWING STORAGE BASIN IN FOREGROUND, TRANSFER CRANE AND UNLOADER TO LEFT OF NORTH SIDE OF HOT CELL. INL PHOTO NUMBER NRTS-58-157. J. Anderson, Photographer, 1/15/1958
ID-33-H-84	INTERIOR VIEW OF FUEL STORAGE BUILDING (CPP-603) SHOWING CRANE ASSEMBLY FOR TRANSFER PIT. INL PHOTO NUMBER NRTS-51-2404. Unknown Photographer, 5/31/1951
ID-33-H-85	BUILDING PLANS OF FUEL STORAGE BUILDING (CPP -603). INL DRAWING NUMBER 200-0603-61-299-103029. ALTERNATE ID NUMBER 542-31-B-21.
ID-33-H-86	SOUTH, EAST, NORTH ELEVATIONS AND SECTIONS OF FUEL STORAGE BUILDING (CPP-603). INL DRAWING NUMBER 200-0603-61-299-103030. ALTERNATE ID NUMBER 542-31-B-22.
ID-33-H-87	WEST ELEVATIONS AND SECTIONS OF FUEL STORAGE BUILDING (CPP-603). INL DRAWING NUMBER 200-063-61 -299-103031. ALTERNATE ID NUMBER 542-31-B-23.
ID-33-H-88	MISCELLANEOUS SECTIONS AND DETAILS OF FUEL STORAGE BUILDING (CPP-603). INL DRAWING NUMBER 200-0603-61-299-103032. ALTERNATE ID NUMBER 542-31-B -24.

ID-33-H-89	SIDING AND ROOF DETAILS OF FUEL STORAGE BUILDING (CPP-603). INL DRAWING NUMBER 200-0603-61 -299-103033. ALTERNATE ID NUMBER 542-31-B-25.
ID-33-H-90	PLOT PLAN OF FUEL STORAGE BUILDING (CPP-603) SHOWING STORAGE BASINS AND PROPOSED LOCATION OF FUEL ELEMENT CUTTING FACILITY. INL DRAWING NUMBER 200-0603-00-706-051287. ALTERNATE ID NUMBER CPP-C-1287.
ID-33-H-91	PLAN VIEW OF FUEL STORAGE BUILDING (CPP-603) SHOWING STORAGE BASINS. INL DRAWING NUMBER 200-0603-00-706-051285. ALTERNATE ID NUMBER CPP-D -1285.
ID-33-H-92	FACILITY LAYOUT OF FUEL STORAGE BUILDING (CPP -603) SHOWING STORAGE BASINS, FUEL ELEMENT CUTTING FACILITY, AND DRY GRAPHITE STORAGE FACILITY. INL DRAWING NUMBER 200-0603-00-030 -056329.
ID-33-H-93	EAST ELEVATION OF HIGH BAY ADDITION OF FUEL STORAGE BUILDING (CPP-603). INL DRAWING NUMBER 200-0603-00-706-051286.

The large-format photographs, historical photographs, and photographs of architectural drawings are arranged in that order in two groups. First, they depict the Main Processing Building (CPP-601) and support structures including the Remote Analytical Facility (CPP-627), and the Hot Pilot Plant (CPP-640). Next is depicted the Fuel Storage Building (CPP-603).

The Idaho National Laboratory's Photograph Archives provided all of the historical photographs for this report. Negatives are stored at the Records Storage Center in Idaho Falls, Idaho. They are indexed sequentially by year and photograph number and most are dated.

The original drawings for the Fuel Reprocessing Complex were destroyed several years ago. The copies photographed for this report were printed from aperture cards (microfilm) located at the Engineering Research Office Building in Idaho Falls, Idaho.

The INL Index Code for drawings given in the captions include the following elements, using this example, 200-0601-00-706-051979:

200: Area number. In this case, the entire Chemical Processing Plant Complex

601: Type code. Depicts drawing type, including topography, site and area maps, equipment and process systems and services, etc. In this instance, the Main Processing Building.

00: Classification code. In this instance, architectural drawings.

706: Originating Contractor code. In this case, Philips Petroleum Company.

051979: Serial number. The unique drawing identification number.

Buildings were assigned numbers by facility area in the 600 and 1600 ranges based roughly on chronological order of construction. When 600 numbers were exhausted, 1600 numbers were used. Structures other than buildings were given numbers in the 700 and 1700 ranges. The only exception to this numbering system occurred at Argonne National Laboratory-West, now known as the Materials and Fuels Complex. At this area, numbers in the 700 and 1700 ranges were used for both buildings and structures.